

Title (en)

CORYNEBACTERIUM SP. MICROORGANISM HAVING L-ISOLEUCINE PRODUCING ABILITY AND METHOD FOR PRODUCING L-ISOLEUCINE BY USING SAME

Title (de)

CORYNEBACTERIUM SP.- MIKROORGANISMUS MIT L-ISOLEUCIN-PRODUZIERENDER FÄHIGKEIT UND VERFAHREN ZUR HERSTELLUNG VON L-ISOLEUCIN DAMIT

Title (fr)

MICROORGANISME CORYNEBACTERIUM SP. PRÉSENTANT LA CAPACITÉ À PRODUIRE DE LA L-ISOLEUCINE ET PROCÉDÉ DE PRODUCTION DE L-ISOLEUCINE À L'AIDE DE CE DERNIER

Publication

**EP 3369821 A4 20190320 (EN)**

Application

**EP 16857835 A 20161021**

Priority

- KR 20150148157 A 20151023
- KR 2016011923 W 20161021

Abstract (en)

[origin: EP3369821A1] The present application relates to a microorganism of the genus Corynebacterium having L-isoleucine producing ability which comprises a protein having an activity of citramalate synthase , and a method for producing L-isoleucine using the same.

IPC 8 full level

**C12N 15/77** (2006.01); **C12N 9/10** (2006.01); **C12P 13/06** (2006.01)

CPC (source: EP RU US)

**C12N 1/20** (2013.01 - RU); **C12N 9/0006** (2013.01 - EP RU US); **C12N 9/0008** (2013.01 - EP RU US); **C12N 9/10** (2013.01 - EP US); **C12N 9/1029** (2013.01 - EP RU US); **C12N 9/88** (2013.01 - EP RU US); **C12N 15/77** (2013.01 - EP RU US); **C12P 13/06** (2013.01 - EP RU US); **C12Y 101/01085** (2013.01 - EP RU US); **C12Y 102/04001** (2013.01 - EP RU US); **C12Y 203/01182** (2013.01 - EP RU US); **C12Y 402/01033** (2013.01 - EP RU US)

Citation (search report)

- [XII] US 2010209986 A1 20100819 - LIAO JAMES C [US], et al
- [XII] US 2011151526 A1 20110623 - SAUNDERS CHARLES WINSTON [US], et al
- [A] CLAIRE R. SHEN ET AL: "Photosynthetic production of 2-methyl-1-butanol from CO<sub>2</sub> in cyanobacterium Synechococcus elongatus PCC7942 and characterization of the native acetohydroxyacid synthase", ENERGY & ENVIRONMENTAL SCIENCE, vol. 5, no. 11, 1 January 2012 (2012-01-01), Cambridge, pages 9574, XP055554275, ISSN: 1754-5692, DOI: 10.1039/c2ee23148d

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 3369821 A1 20180905; EP 3369821 A4 20190320**; BR 112018008062 A2 20181113; CA 3002790 A1 20170427; CA 3002790 C 20210504; CN 108368514 A 20180803; JP 2018531033 A 20181025; JP 2020146059 A 20200917; JP 6785303 B2 20201118; KR 101747542 B1 20170615; KR 20170047725 A 20170508; MY 189896 A 20220318; PH 12018500838 A1 20181029; RU 2698394 C1 20190826; US 2019024060 A1 20190124; WO 2017069578 A1 20170427

DOCDB simple family (application)

**EP 16857835 A 20161021**; BR 112018008062 A 20161021; CA 3002790 A 20161021; CN 201680070532 A 20161021; JP 2018520499 A 20161021; JP 2020102239 A 20200612; KR 20150148157 A 20151023; KR 2016011923 W 20161021; MY PI2018000544 A 20161021; PH 12018500838 A 20180419; RU 2018117161 A 20161021; US 201615768497 A 20161021